



ABSTRACT OF THE DISCLOSURE

This disclosure is concerned with optoelectronic modules. In one example, an optoelectronic transceiver includes a data transmit line coupled to an optical source, and a data receive line coupled to an optical detector. In addition, a serial bus is provided that is distinct from both the data transmit line and the data receive line. A microprocessor is coupled to the serial bus and corresponds to a serial address. Finally, an optical driver of the optoelectronic transceiver is coupled to the optical source, and the microprocessor provides a control signal for adjusting a swing amplitude of the optical driver in accordance with one or more commands received by the microprocessor via the serial communication bus.